

## PLACEMENT OF *ANISOTOMA FENDERI* HATCH (COLEOPTERA: LEIODIDAE: AGATHIDIINI)<sup>1</sup>

Quentin D. Wheeler<sup>2</sup>

**ABSTRACT:** *Anisotoma fenderi* Hatch is transferred to *Agathidium* (new combination) and the name *Agathidium hatchi* Wheeler (new name) is proposed to resolve resultant homonymy.

**DESCRIPTORS:** *Anisotoma fenderi* Hatch; *Agathidium hatchi* Wheeler; New Combination; New Name; New Synonymy; distribution.

During my revision of the genus *Anisotoma* Panzer, the unique female type of *Anisotoma fenderi* Hatch (Hatch, 1957:32) was examined, and found to belong to the genus *Agathidium* Panzer. Because the name *fenderi* is previously occupied in *Agathidium* (Hatch, 1957:36), it is necessary to propose a new name to resolve homonymy.

*Agathidium hatchi* Wheeler, **new name** and **new combination**.

*Anisotoma fenderi* Hatch, 1957:32, **new synonymy**.

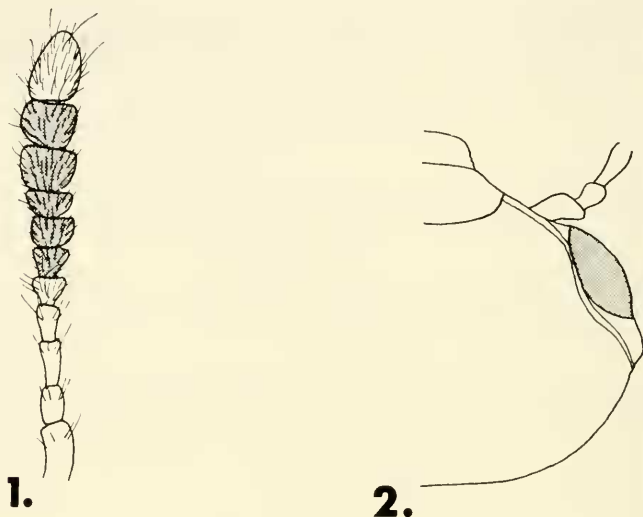
*Agathidium hatchi* is strongly contractile, and has a large head with highly developed postocular tempora (fig. 2); both apotypic states of *Agathidium*. Structure of the antennae is, to my knowledge, unique in the genus being gradually clavate, without an abrupt club (fig. 1). While this condition is not typical of *Agathidium*, it is equally unusual for *Anisotoma* as suggested by Hatch. While *hatchi* could belong to the sub-genus *Cyphocele* (Hlisenkovsky, 1964:13), the precise relationship to other American species is not clear. A revision of the genus, underway by the author, will hopefully settle the placement of *hatchi*.

In addition to the type from Ocean Park (Oregon) I have seen a specimen, also female, from near Newberg (Oregon) taken at black light.

---

<sup>1</sup> Accepted for publication: November 23, 1976

<sup>2</sup> Department of Entomology, The Ohio State University, 1735 Neil Avenue, Columbus, Ohio 43210.



Figs. *Agathidium hatchi* Wheeler; 1.: Antenna; 2.: Head, dorsal view.

#### ACKNOWLEDGEMENTS

I would like to thank Dr. Sievert Rohwer (Burke Museum, University of Washington) for a loan of the type specimen; Mr. Richard L. Westcott (Oregon Department of Agriculture, Plant Division) for a loan of several Leiodidae; and Dr. Charles A. Triplehorn (Ohio State University, Department of Entomology) for his advice on the nomenclatural problems and for reading this paper prior to publication.

#### LITERATURE CITED

- Hatch, M.H. 1957. The Beetles of the Pacific Northwest. Part II: Staphyliniformia. Univ. Washington Publ. Biol., 16: 1-384.  
Hlissnikovsky, J. 1964. Monographische Bearbeitung der Gattung *Agathidium* Panzer (Coloptera). Acta Entomologica Musei Nationalis Pragae, Supplementum 5: 1-255.